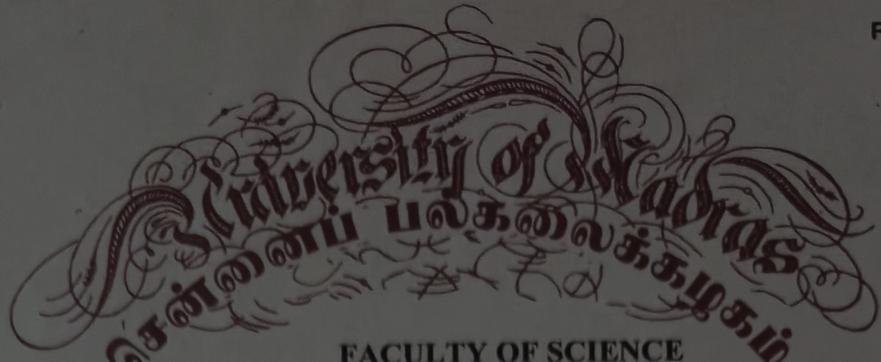


Register Number

0360

33600964



FACULTY OF SCIENCE

அறிவியல் புலம்

The Senate of the University of Madras hereby makes known  
that KARTHIK P S has been admitted to the

DEGREE OF MASTER OF SCIENCE IN MOLECULAR BIOLOGY

he / she having been certified by duly appointed Examiners to be  
qualified to receive the same and placed in the  
FIRST CLASS  
at the Examination held in APRIL 2011

Given under the seal of the University

சென்னைப் பல்கலைக்கழகப் பேரவை 2011 ஆம் ஆண்டு ஏப்ரல்

மாதம் நடைபெற்ற மூலக்கூற்று உயிரியல்

தேர்வில் கார்த்திக் ச.

என்பவர் அறிவியல் நிறைஞர் பட்டத்தினை

முதல் வகுப்பில்

தேர்ச்சி பெற்றார் என்று

தக்க தேர்வாளர்கள் சான்றளித்தபடி இச்சான்றிதழ் பெறுவதற்கு உரியவர்

ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இச்சான்றிதழ் வழங்கப்படுகின்றது.



Dated: 04-11-2011  
நாள்:

Chepauk, Chennai 600 005, Tamilnadu, India.

*L. Muthu*  
Registrar i/c  
துணைவேந்தர்  
Vice-Chancellor

பதிவாளர்

2K-11/ 029500

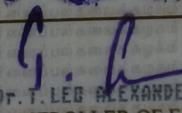
**DEGREE (CREDIT/SEMESTER SYSTEM) EXAMINATION**  
**CONSOLIDATED STATEMENT OF MARKS**

NAME OF THE CANDIDATE <b>KARTHIK P S</b> 28/07/86			SEX <b>M</b>	REGISTER NO. <b>33600964</b>	NAME OF DEPARTMENT <b>DEPT. OF GENETICS</b>					
			<b>MOLECULAR BIOLOGY</b> BRANCH NAME							
SEM	NAME OF SUBJECT <b>1=1=1 FIRST SEMESTER 1=1=1</b>			COURSE CODE	MONTH & YEAR	CR	MARKS SECURED	MAX MARKS	GRADE POINT	GRADE
1	BIO MOLECULES			DMSC201	DEC. 2009	04	066	100	6.600	A
1	MOLECULAR BIOLOGY OF THE CELL			DMSC202	DEC. 2009	04	069	100	6.900	A
1	ENZYMOLOGY AND METABOLISM			DMSC203	DEC. 2009	04	059	100	5.900	B
1	LABORATORY EXERCISES			DMSC204	DEC. 2009	02	068	100	6.800	A
1	MOLECULAR AND CELLULAR ENDOCRINOLOGY			DMSE401	DEC. 2009	03	054	100	5.400	B
1	FUNDAMENTALS OF MOLECULAR SPECTROSCOPY			PHYE002	DEC. 2009	03	064	100	6.400	A
1	FRENCH FOR BEGINNERS I			UDMS009	DEC. 2009	02	069	100	6.900	A
2	<b>1=1=1 SECOND SEMESTER 1=1=1</b>			DMSC205	APR. 2010	04	069	100	6.900	A
2	GENE EXPRESSION AND REGULATION			DMSC206	APR. 2010	04	064	100	6.400	A
2	MOLECULAR BIOLOGY OF DEVELOPMENT			DMSC207	APR. 2010	04	082	100	8.200	D+
2	MOLECULAR GENETICS			DMSC208	APR. 2010	04	071	100	7.100	A-
2	BASIC PATHOLOGY			DMSE902	APR. 2010	03	063	100	6.300	A
2	BASIC CRYSTALLOGRAPHY			PHYE004	APR. 2010	03	058	100	5.000	B
2	BIOPHYSICS OF THE IMMUNE SYSTEM			PHYE008	APR. 2010	03	065	100	6.500	A
2	COMPUTING SKILLS - BASIC-I			UDMS007	APR. 2010	02	078	100	7.800	D
2	SPANISH FOR BEGINNERS I			UDMS017	APR. 2010	02	075	100	7.500	D
3	<b>1=1=1 THIRD SEMESTER 1=1=1</b>			DMSC209	DEC. 2010	04	067	100	6.700	A
3	GENE THERAPY			DMSC210	DEC. 2010	04	055	100	5.500	B
3	MICROBIAL, PLANT AND ANIMAL BIOTECHNOLOGY			DMSC211	DEC. 2010	04	054	100	6.400	A
3	MOLECULAR BASIS OF HUMAN DISEASES AND DIAGNOSTICS			LIFE017	DEC. 2010	03	050	100	5.000	B
3	BASICS OF COMPUTER-AIDED DRUG DESIGN			LIFE019	DEC. 2010	03	062	100	6.200	A
3	MUSHROOM CULTIVATION			LIFE505	DEC. 2010	03	054	100	5.400	B
3	STEM CELL BIOLOGY			UDMI001	DEC. 2010	02	077	100	7.700	D
3	INTERNSHIP			UDMS008	DEC. 2010	02	068	100	6.800	A
3	COMPUTER SKILLS - ADVANCED			DMSC212	APR. 2011	04	065	100	6.500	A
4	<b>1=1=1 FOURTH SEMESTER 1=1=1</b>			DMSC213	APR. 2011	02	070	100	7.000	A+
4	PROTEOMICS			DMSC214	APR. 2011	02	072	100	7.200	A+
4	LABORATORY EXERCISES - II			DMSC215	APR. 2011	06	081	100	8.100	D+
4	LABORATORY EXERCISES - III			DMSC216	APR. 2011	04	060	100	6.000	A
<b>END OF STATEMENT 1=1=1</b>										
 <b>FIRST CLASS</b>										
<b>PASSING MINIMUM - 50% MARKS</b>										
<b>CUMULATIVE GRADE POINT AVERAGE (CGPA)</b> <b>6.551</b>										
<b>OVERALL WEIGHTED PERCENTAGE MARKS (OWPM)</b>										
<b>CLASS OBTAINED</b> <b>FIRST CLASS</b>										
<b>TOTAL CREDIT</b> <b>94</b> <b>GRADE OBTAINED</b> <b>A+</b>										

UNIVERSITY OF MADRAS  
Chennai - 600 005.

ASSISTANT REGISTRAR

Change(s)/Overscript(s) should bear competent attestation of the University of Madras with office seal, else the Certificate is invalid.

  
**Dr. T. LEE ALEXANDER, PH.D.**  
**CONTROLLER OF EXAMINATIONS**



CENTRAL LEATHER RESEARCH INSTITUTE

Adyar, Chennai (Madras) 600 020

Fax: 91(44) 24911589, 24912150  
Ph. 91(44) 24437109  
E-mail: swarna@clri.res.in  
svkuvk71@yahoo.com

Swarna V Kanth

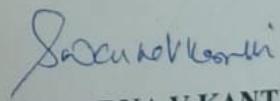
Scientist

Centre for Human and Organisational Resources Development  
Professor, Dept. of Leather Technology, Anna University

15/04/2011

**BONAFIDE CERTIFICATE**

This is to certify that the Project thesis report entitled "**THERAPEUTIC INVESTIGATION OF COLLAGEN-IMMOBILIZED ENZYME IN AN EXTRACORPOREAL SYSTEM**" submitted in partial fulfilment of the requirement for the degree of **Master of Science to IBMS, Taramani Campus, University of Madras, Chennai**, is a bonafide record of the work carried out originally by **KARTHIK P.S., REG No. 33600964**, during the period February 2011 - April 2011 under my supervision and guidance. He was present on campus at Central Leather Research Institute for carrying out the project work. His conduct and character was good.

  
**(SWARNA V KANTH)**